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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Benjamin P. Olding, Michael Frank
Assignee: PIXIM, Inc.
Title: Optical Summing For Interlaced Video Image Sensor
Serial No.: 10/058,638 Filing Date: January 28, 2002
Examiner: Not yet known Group Art Unit: Not yet known
Docket No.: M-12339 US
(PIX-P-055)

San Jose, California
March 11, 2003

COMMISSIONER FOR PATENTS
Washington, D. C. 20231

Revocation of Power of Attorney and Change of Correspondence Address

Dear Sir:

Enclosed is a copy of the Revocation of Power of Attorney and Power of Attorney by Assignee of Entire Interest for the above referenced patent application. Please process the new power of attorney and change of correspondence address submitted herewith as soon as possible. Please direct all correspondence to:

Carmen C. Cook
Patent Law Group LLP
2635 North First Street, Suite 223
San Jose, California 95134-2049
Phone: (408) 382-0480
Fax: (408) 382-0481

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Technology Center 2600

Please contact the undersigned at (408) 382-0480 Ext. 208 if the Examiner has any questions regarding the enclosed documents.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on March 11, 2003

Respectfully submitted,

Carmen C. Cook

Carmen C. Cook
Attorney for Applicant(s)
Reg. No. 42,433

Carmen C. Cook

Attorney for Applicant(s)

3/11/2003
Date of Signature

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PATENT & TRADEMARK OFFICE
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

**REVOCATION OF POWER OF ATTORNEY AND
POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**

Sir:

Pixim, Inc., the assignee of record of the entire interest for the below-referenced list of patents and patent applications, hereby revokes all powers of attorney previously given in these patents and patent applications and appoints the attorneys and agent identified below to prosecute the below-referenced patent and patent applications and to transact all business in the United States Patent and Trademark Office in connection therewith:

Brian D. Ogonowsky (31,988);
Carmen C. Cook (42,433);
David C. Hsia (46,235);
Rachel V. Leiterman (46,868); and
Joe Zheng (39,450).

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List of Patents:

Patent Number Patent Date

6,310,571 B1 10/30/2001

List of Patent Applications:

Application Number U.S. Filing Date

09/603,113 6/22/2000

09/617,740	7/17/2000
09/638,503	8/15/2000
09/638,502	8/15/2000
09/639,520	8/15/2000
09/823,838	3/30/2001
09/823,843	3/30/2001
09/795,859	2/27/2001
09/795,905	2/27/2001
10/005,834	11/8/2001
09/823,344	3/30/2001
09/909,528	7/20/2001
09/823,592	3/30/2001
09/965,600	9/25/2001
09/755,910	1/03/2001
10/006,974	12/5/2001
09/970,491	10/3/2001
10/058,638	1/28/2002
09/970,463	10/3/2001
10/005,744	11/7/2001

Please address all correspondence and telephone calls regarding these patent and
patent applications to:

Carmen C. Cook
Patent Law Group LLP
2635 North First Street, Suite 223
San Jose, California 95134-2049
Phone: (408) 382-0480
Fax: (408) 382-0481

ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(b)

The undersigned representative of the above-referenced assignee certifies that the
above-referenced assignee is the assignee of the entire right, title and interest in the
above-referenced patent and patent applications by virtue of a chain of title from the
inventors of the above-referenced patent and patent applications to the above-referenced
assignee as shown below:

1. From: David Xiao Dong Yang To: Pixim, Inc. The document was recorded in the Patent and Trademark Office at Reel 010915, Frame 0569.
2. From: David Xiao Dong Yang, Yi-Hen Wei, John Deng To: Pixim, Inc. The document was recorded in the Patent and Trademark Office at Reel 010976, Frame 0305.
3. From: Odutola Oluseye Ewedemi, Zhonghan John Deng, Ricardo Jansson Motta, David Xiao Dong Yang To: Pixim, Inc. The document was recorded in the Patent and Trademark Office at Reel 01447, Frame 0808.
4. From: Odutola Oluseye Ewedemi, Zhonghan John Deng, Ricardo Jansson Motta, David Xiao Dong Yang To: Pixim, Inc. The document was recorded in the Patent and Trademark Office at Reel 011447, Frame 0797.
5. From: Odutola Oluseye Ewedemi, David Xiao Dong Yang, Xi Peng To: Pixim, Inc. The document was recorded in the Patent and Trademark Office at Reel 011622, Frame 0355.
6. From: Benjamin P. Olding, Justin Reyneri To: Pixim, Inc. The document was recorded in the Patent and Trademark Office at Reel 011704, Frame 0079.
7. From: Justin Reyneri, Benjamin P. Olding To: Pixim, Inc. The document was recorded in the Patent and Trademark Office at Reel 011704, Frame 0071.
8. From: John Deng, Dave Yang, Joe Zheng To: Pixim, Inc. The document was submitted to the Patent and Trademark Office for recordation on February 27, 2001. A copy of the document is attached.
9. From: John Deng, Dave Yang, Joe Zheng To: Pixim, Inc. The document was submitted to the Patent and Trademark Office for recordation on August 31, 2001. A copy of the document is attached.

10. From: Hui Tian To: Pixim, Inc. The document was submitted to the Patent and Trademark Office for recordation on November 8, 2001. A copy of the document is attached.

11. From: Hui Tian, David Xiao Dong Yang To: Pixim, Inc. The document was submitted to the Patent and Trademark Office for recordation on March 30, 2001. A copy of the document is attached.

12. From: William R. Bidermann, David Xiao Dong Yang To: Pixim, Inc. The document was recorded in the Patent and Trademark Office at Reel 012021, Frame 0075.

13. From: William R. Bidermann To: Pixim, Inc. The document was recorded in the Patent and Trademark Office at Reel 011681, Frame 0143.

14. From: David Xiao Dong Yang, William R. Bidermann To: Pixim, Inc. The document was recorded in the Patent and Trademark Office at Reel 011684, Frame 0105.

15. From: David Xiao Dong Yang, William R. Bidermann To: Pixim, Inc. The document was recorded in the Patent and Trademark Office at Reel 011684, Frame 0105.

16. From: Odutola Oluseye Ewedemi, Zhonghan John Deng, Ricardo Jansson Motta, David Xiao Dong Yang To: Pixim, Inc. The document was recorded in the Patent and Trademark Office at Reel 011451, Frame 0361.

17. From: Benjamin P. Olding, Ricardo J. Motta To: Pixim, Inc. The document was submitted to the Patent and Trademark Office for recordation on December 5, 2001. A copy of the document is attached.

18. From: William R. Bidermann, Robert Weinschenk To: Pixim, Inc. The document was submitted to the Patent and Trademark Office for recordation on October 3, 2001. A copy of the document is attached.

19. From: Benjamin P. Olding, Michael Frank To: Pixim, Inc. The document was submitted to the Patent and Trademark Office for recordation on January 28, 2002. A copy of the document is attached.

20. From: William R. Bidermann To: Pixim, Inc. The document was submitted to the Patent and Trademark Office for recordation on October 3, 2001. A copy of the document is attached.

21. From: William R. Bidermann, Ricardo J. Motta To: Pixim, Inc. The document was submitted to the Patent and Trademark Office for recordation on November 7, 2001. A copy of the document is attached.

The undersigned (whose title is provided below) is empowered to sign this certificate on behalf of the above-referenced assignee.

Date: April 22, 2002

Pixim, Inc.

By: Robert Weis

Name: Bob Weinschenk

Title: Officer, CEO & President



In the United States Patent and Trademark Office

Assistant Commissioner for Patents
Washington, District of Columbia 20231

RECORDATION COVER SHEET

Dear Sir:

Please record the attached original documents

1. Name of conveying party(ies):

Benjamin P. Olding and Michael Frank

2. Name and address of receiving party(ies)

Name: Pixim, Inc.

Address: 915 Linda Vista Avenue
Mountain View, CA 94043

3. Nature of conveyance

Assignment

4. Application number(s) or patent number(s):

If this document is being filed with together with a new application, the execution date of the application is January 22, 2002

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Joe Zheng

Address: Pixim, Inc.
7394 Wildflower Way
Cupertino, CA 95014

6. Total number of applications and patents involved:

One

7. Total fee (37 CFR 3.41)

\$40.00

8. Deposit account number:

N/A

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Joe Zheng
Name of Person Signing


Signature

1/28/2002
Date

Total number of pages comprising cover sheet = 3

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

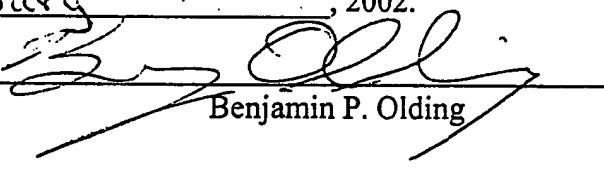
Benjamin P. Olding of Redwood City, California
Michael Frank of Sunnyvale, California

hereby sell, assign and transfer to **PIXIM, Inc.**, a California corporation, having a place of business at 915 Linda Vista Avenue, Mountain View, California 94043, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

Optical Summing For Interlaced Video Image Sensor

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 22 day of January, 2002.



Benjamin P. Olding

State of California)
 County of Santa Clara) ss.

On January 22, 2002 before me, Traci E. Oberman personally appeared Benjamin P. Olding personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Traci E. Oberman
 SIGNATURE OF NOTARY



Executed this 22nd day of January, 2002.Michael Frank

Michael Frank

State of California)

ss.

County of Santa Clara)

On January 22, 2002 before me, Traci E. Oberman personally appeared Michael Frank personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Traci E. Oberman
SIGNATURE OF NOTARY